

CURRENT STATUS OF ALL CLAIMS

1. **(Previously presented)** In a method of coating a steel product using a molten aluminum-zinc alloy bath, the improvement comprising modifying the composition of the aluminum-zinc alloy by adding an effective amount of one or more of a particulate compound constituent that produces a coated spangle size on a substrate of between about 400 to 500 microns, said grain refining particulate compound selected from the group consisting of boride compounds in an amount between about 0.0008 to 0.0012% by weight, and having one of titanium and aluminum.
2. **(Original)** The method of claim 1, wherein the particulate compound constitute is one of TiB_2 , AlB_2 , and AlB_{12} .
3. **(Original)** The method of claim 1, wherein a particle size of the particulate compound constituent ranges between about 0.01 microns and about 25 microns.
4. **(Currently amended)** The method of claim 2, wherein a particle size of the particulate ~~compound~~² compound constituent ranges between about 0.01 microns and about 25 microns.
5. **(Original)** The method of claim 1, further comprising the step of making a master alloy bath of aluminum and adding an amount of the particulate compound constituents thereto, and then adding the master alloy bath to an aluminum-zinc coating bath in proportions to attain the effective amount of the particulate compound constituent.
6. **(Previously presented)** In a coated steel article comprising a steel substrate; and an aluminum-zinc coating thereon, the improvement comprising

the aluminum-zinc coating being modified with an effective amount of one or more of a particulate compound constituent selected from the group consisting of boride compounds having one of titanium and aluminum, so that said aluminum-zinc coating has a spangle size of between about 400 to 500 microns.

7. **(Currently amended)** The article of ~~claim 8~~, claim 6 wherein said aluminum-zinc coating is modified with said boride compounds in an amount between about 0.0008 - 0.0012% by weight.
8. **(Currently amended)** The article of ~~claim 9~~, claim 7 wherein the particulate compound constituent is one of TiB_2 , AlB_2 , and AlB_{12} .
9. **(Original)** The article of claim 8, wherein a particle size of the particulate compound constituent in the coating ranges between about 0.01 microns and about 25 microns.
10. **(Previously presented)** In an aluminum-zinc steel product coating composition capable of producing a coated steel substrate with a coating spangle size between about 400 to 500 microns, the improvement comprising an aluminum-zinc alloy including about an effective amount of one or more of a particulate compound constituent selected from the group consisting of boride compounds in an amount between about 0.0008 - 0.0012% by weight, and having one of titanium and aluminum.
11. **(Currently amended)** The composition of ~~claim 14~~, claim 10 wherein the particulate compound constituent is one of TiB_2 , AlB_2 , and AlB_{12} .
12. **(Currently amended)** The composition of ~~claim 14~~, claim 10 wherein a particle size of the particulate compound constituent in the coating ranges from between about 0.01 microns and about 25 microns.

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13. **(Currently amended)** The composition of ~~claim 14~~, claim 10 wherein the particulate compound constituent is the boride compound and the amount of the particulate compound constituent in the alloy bath ranges between about 0.0008 - 0.0012% by weight of boron.
14. **(Currently amended)** The method of claim 1, further comprising painting the coated steel ~~product~~ product without subjecting the coated steel product to skin passing.
15. **(Original)** The article of claim 9, further comprising a painted surface on the coated steel product.